

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
4700 River Road  
Riverdale, MD 20737

**Permit to Move Live Plant Pests, Noxious Weeds, and Soil**  
Interstate Movement  
**Regulated by 7 CFR 330**

This permit was generated electronically via the ePermits system

|                         |   |                            |                   |
|-------------------------|---|----------------------------|-------------------|
| <b>PERMITTEE NAME:</b>  | Mr. John Breese                                     | <b>PERMIT NUMBER:</b>      | P526P-18-02640    |
| <b>ORGANIZATION:</b>    | CP Kelco  | <b>APPLICATION NUMBER:</b> | P526-180504-007   |
| <b>ADDRESS:</b>         | 2025 E. Harbor Drive<br>San Diego, CA 92113         | <b>FACILITY NUMBER:</b>    | N/A               |
| <b>MAILING ADDRESS:</b> | 2025 E. Harbor Drive<br>San Diego, CA 92113         | <b>HAND CARRY:</b>         | Yes               |
| <b>PHONE:</b>           | 619-595-5180  | <b>DATE ISSUED:</b>        | 07/03/2018        |
| <b>FAX:</b>             | 619-595-5177  | <b>EXPIRES:</b>            | <b>07/03/2021</b> |
| <b>DESTINATION:</b>     | CP Kelco, 2025 E. Harbor Drive, San Diego, CA 92113 |                            |                   |
| <b>RELEASE:</b>         | No  |                            |                   |

Under the conditions specified, this permit authorizes the following:

| <u>Regulated Article</u>              | <u>Life Stage(s)</u> | <u>Intended Use</u>                                  | <u>Shipment Origins</u> | <u>Originally Collected</u>                         | <u>Culture Designation</u> |
|---------------------------------------|----------------------|--|-------------------------|---|----------------------------|
| Xanthomonas campestris pv. campestris | Any                  | Xanthan gum fermentation - see Permit P526P-09-03114 | Continental U.S.        | Originally Collected from USA including territories |                            |

**PERMIT GUIDANCE**

- 1) This permit does not authorize importation or interstate movement of strains of genetically engineered regulated organisms (created by the use of recombinant DNA technology) or their use outside of a confined laboratory setting.
- 2) If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer to [http://www.aphis.usda.gov/import\\_export/animals/animal\\_import/animal\\_imports\\_an\\_products.shtml](http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_an_products.shtml)
- 3) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/eaipp/>
- 4) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.

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THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.

*Vickie Brewster*  
**Vickie Brewster**

DATE

**07/03/2018**

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)


5) If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

### PERMIT CONDITIONS

USDA-APHIS issues this permit to John Breese with CP Kelco in San Diego, California. This permit authorizes the interstate movement of pure cultures of the listed regulated organisms from various researchers within the continental United States for industrial production of biogums.

1.
  - This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
  - The permit number or a copy of the permit must accompany the shipment.
  - You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
  - You are legally responsible for complying with all permit requirements and permit conditions.
  - If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
  - Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.
2. The permit holder must:
  - maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
  - not assign or transfer this permit to other persons without APHIS PPQ authorization,
  - maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
  - notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,

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- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

3. This permit does not authorize movement or use of plant pathogens listed in the Public Health Security and Bioterrorism Preparedness and Response Act of 2002. If any organism listed as a Select Agent is identified from materials associated with this research, the permit holder is required to notify APHIS, Agriculture Select Agent Services (AgSAS) immediately by phone at 301-851-3300 option 3, and within seven (7) days submit APHIS/CDC Form 4A (Report of Identification of a Select Agent or Toxin in a Clinical or Diagnostic Laboratory) to APHIS, AgSAS; 4700 River Rd, Unit 2, Riverdale, MD 20737 (see instructions at: [https://www.selectagents.gov/resources/APHIS-CDC\\_Form\\_4\\_Guidance\\_Document.pdf](https://www.selectagents.gov/resources/APHIS-CDC_Form_4_Guidance_Document.pdf)). Failure to comply with this requirement is a violation of the Agricultural Bioterrorism Protection Act of 2002. Plant pathogen select agents currently listed include: *Peronosclerospora philippinensis* (*Peronosclerospora sacchari*), *Conothyrium glycines* (formerly *Phoma glycinicola* and *Pyrenochaeta glycines*), *Ralstonia solanacearum*, *Rathayibacter toxicus*, *Sclerophthora rayssiae*, *Synchytrium endobioticum*, and *Xanthomonas oryzae*.
4. All packages for transport must minimally consist of both inner/primary and outer/secondary packages securely sealed so that both are effective barriers to escape or unauthorized dissemination of the listed materials/organisms. The inner/primary package(s) will contain all regulated materials/organisms and must be cushioned and sealed in such a way that it remains sealed during shock, impact, and pressure changes that may occur. The outer/secondary shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.

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5. Upon receipt, all packages must be opened within a Class II or III biosafety cabinet, or within a still-air environment (e.g. a transfer hood with the air turned off), located within the facilities at the destination address identified above to prevent the potential dissemination of the package contents. Cultures must be in a sealed container during transport to or within the permit holder's assigned research facilities.
6. All production activities must occur at the destination location identified above. This location must have facilities that are adequate to prevent the unauthorized dissemination of the regulated live organisms received under this permit. Access to this facility must not be accessible to the general public.
7. Regulated materials/organisms must be stored or maintained in an area that is not accessible to the general public.
8. Upon completion of the fermentation, cultures will be inactivated by heat and chemical methods in the fermenter. SOPs describe the inactivation protocols in detail. Residual cultures that cannot be inactivated in process due to cleaning or other activities will be processed through the facilities waste water system and sent to the Point Loma POTW for anaerobic digestion to ensure that minimal release into the environment occurs.
9. There is to be no further movement or distribution of the listed regulated materials/organisms within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit for receipt of such materials/organisms.
10. Movement of products that do not contain live isolates of the listed regulated organisms may be moved without additional permits from the Pest Permit Unit.

**END OF PERMIT CONDITIONS**

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